

**Amendments to the Claims:**

Please amend the claims as follows, where added material is underlined and material to be deleted is indicated by strikethrough font. This listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A method for monitoring stomach activity of a patient comprising:

implanting an implantable medical device comprising a memory and a processor in the patient;

sensing a physiological parameter of the patient that changes as a function of activity of a stomach of the patient;

supplying sensed physiological parameters to the implanted medical device to be stored in the memory and tracked by the processor; and

generating by the processor of the implanted medical device a communication to the patient as a function of the sensed physiological parameter.

2. (original) The method of claim 1, wherein the physiological parameter includes at least one of a blood glucose concentration, an insulin concentration, a body temperature, a distention of the stomach, a stomach acid concentration, a gastric electrical activity and a transabdominal impedance.

3. (currently amended) The method of claim 1, further comprising:

measuring through the processor of the implanted medical device a characteristic of the physiological parameter; and generating a communication to the patient as a function of the measurement.

4. (original) The method of claim 3, wherein the characteristic of the physiological parameter comprises at least one of a rate of change of the physiological parameter, an amplitude of the physiological parameter, a duration of the physiological parameter, an intensity of the physiological parameter and a concentration of the physiological parameter.

5. (original) The method of claim 3, wherein the characteristic of the physiological parameter is a first characteristic of a first physiological parameter, the method further comprising measuring a second characteristic of a second physiological parameter as a function of the first characteristic.
6. (original) The method of claim 1, wherein generating the communication comprises transmitting a wireless communication to an external module.
7. (original) The method of claim 1, wherein generating the communication comprises activating an implanted alert module.
8. (currently amended) A system comprising:
  - a sensor to sense a physiological parameter of a patient that changes as a function of activity of a stomach of the patient; and
  - a programmable processor comprising a memory with programmed instructions to generate a communication to the patient as a function of the sensed physiological parameter and the programmed instructions wherein the communication notifies the patient that a change has occurred in the activity of the stomach.
9. (original) The system of claim 8, further comprising a communication module to wirelessly transmit the communication to an external module.
10. (original) The system of claim 8, further comprising an implanted alert module to notify the patient of the communication.
11. (original) The system of claim 8, wherein the sensor comprises a chemical sensor.
12. (original) The system of claim 11, wherein the chemical sensor senses at least one of blood glucose concentration, insulin concentration and stomach acid concentration.

13. (original) The system of claim 8, wherein the sensor comprises a mechanical sensor.
14. (original) The system of claim 13, wherein the mechanical sensor senses at least one of motion of the stomach and distention of the stomach.
15. (original) The system of claim 8, wherein the sensor comprises an electrical sensor.
16. (currently amended) The system of claim 15, wherein the electrical sensor senses at least one of gastric electrical activity and transabdominal impedance.
17. (original) The system of claim 8, wherein the sensor comprises a temperature sensor.
18. (original) The system of claim 8, wherein the processor is implantable in the patient.
19. (currently amended) The system of claim 8, wherein the processor is further configured to measure a characteristic of the physiological parameter; and to compare the characteristic to a threshold.
20. (currently amended) A system comprising:  
sensing means to sense a physiological parameter of a patient that changes as a function of activity of a stomach of the patient;  
processing means configured to measure a characteristic of the physiological parameter and to generate a communication as a function of the measurement of the characteristic of the sensed physiological parameter; and  
communication means to notify the patient of the communication wherein the communication notifies the patient that a change has occurred in the activity of the stomach.
21. (currently amended) The system of claim 20, further comprising therapy delivery means and wherein the processing means is further configured to generate a signal to the therapy delivery means to cause therapy to be delivered to the patient as a function of the measurement of the

characteristic of the sensed physiological parameter ~~measure a characteristic of the physiological parameter.~~

22. (currently amended) The system of claim 20 ~~21~~, further comprising a memory means to store data associated with the sensed physiological parameter and the measured characteristic.

23. (currently amended) A computer-readable medium comprising instructions that cause a processor to:

sense a physiological parameter of a patient that changes as a function of activity of a stomach of the patient;

measure a characteristic of the physiological parameter wherein the characteristic of the physiological parameter is a first characteristic of a first physiological parameter, the method further comprising measuring a second characteristic of a second physiological parameter as a function of the first characteristic; and

generate a communication to the patient as a function of the measurement of the characteristic of the sensed physiological parameter wherein the communication notifies the patient that a change has occurred in the activity of the stomach.

Claim 24 (canceled).